

Claims:

1. A method for a transceiver to communicate over a wire in a group of wires comprising:
  - receiving communications over a first wire;
  - transmitting over the first wire a communication signal that electromagnetically couples to a second wire to produce an electromagnetically coupled signal on the second wire; and
  - conveying a message, by the electromagnetically coupled signal, that induces a response from a second transceiver connected to the second wire.
2. The method of claim 1 wherein the conveyed message directs the second transceiver to alter an operation of the second transceiver.
3. The method of claim 1 wherein the conveyed message requests that the second transceiver make an adjustment to a transmission parameter used to transmit information over the second wire.
4. The method of claim 1 wherein the communication signal has a predefined frequency and a predefined phase characteristic.
5. The method of claim 3 further comprising detecting interference on the communications received over the first wire, and wherein the transmitting of the communication signal occurs in response to detecting the interference.
6. The method of claim 5 wherein the transmitting of the communication signal occurs if the detected interference exceeds a predetermined threshold.
7. The method of claim 5 further comprising ceasing transmission of the

communication signal if the detected interference is below a predetermined threshold.

8. The method of claim 5 wherein the interference is crosstalk.
9. The method of claim 5 wherein the adjustment reduces the interference detected on the first wire.
10. A method of communicating between a first and a second transceiver that are connected to different wires in a group of wires and that are unconnected to each other by any wire in the group of wires, the method comprising:
  - transmitting signals by a first transceiver over a first wire;
  - receiving a communication signal over the first wire transmitted from a second transceiver over to a second wire and electromagnetically coupled to the first wire from the second wire; and
  - performing an action in response to a message conveyed by the electromagnetically coupled communication signal.
11. The method of claim 10 wherein the performed action is an adjustment to a transmission parameter.
12. The method of claim 11 wherein the adjustment changes a power level used to transmit signals over the first wire.
13. The method of claim 12 wherein the changing of the power level reduces the power level used to transmit signals over the first wire.
14. The method of claim 11 wherein the adjustment changes a frequency band used to transmit signals over the first wire.
15. The method of claim 11 wherein the adjustment changes time increments used to transmit signals over the first wire.

16. The method of claim 15 wherein the changing of the time increments reduces the time increments used to transmit signals over the first wire.
17. The method of claim 10 wherein the transmitting of the signals over the first wire produces interference on the second wire.
18. The method of claim 17 wherein the interference is crosstalk.